

Applicant : Beverly L. Davidson et al.  
Serial No. : 09/757,824  
Filed : January 9, 2001  
Page : 2 of 5

Attorney's Docket No.: 17023-012001 / 01018

Amendments to the Claims:

1-35. (Canceled)

36. (Currently amended) A polypeptide comprising a soluble lysosomal enzyme operably linked to a PTD, wherein the polypeptide is biologically active and is in native conformation non-denatured.

37. (Original) The polypeptide of claim 36, wherein the soluble lysosomal enzyme is  $\beta$ -glucuronidase, pepstatin insensitive protease or palmitoyl protein thioesterase.

38. (Previously presented) The polypeptide of claim 36, wherein the soluble lysosomal enzyme is  $\beta$ -glucuronidase.

39-46. (Canceled)

47. (Previously presented) The polypeptide of claim 36, wherein the PTD is Tat PTD.

48. (Original) The polypeptide of claim 47, wherein the Tat PTD is Tat<sub>47-57</sub>.

49-61. (Canceled)

62. (Previously presented) The polypeptide of claim 36, wherein the polypeptide is enzymatically active.

63-71. (Canceled)

72. (Previously presented) The polypeptide of claim 36, wherein the polypeptide is expressed from an expression vector located *in situ* in a brain cell of a patient.

Applicant : Beverly L. Davidson et al.  
Serial No. : 09/757,824  
Filed : January 9, 2001  
Page : 3 of 5

Attorney's Docket No.: 17023-012001 / 01018

73-78. (Canceled)